

WHAT IS CLAIMED IS:

1. An optical connector comprising:

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a housing having a cord receiving hole portion in which an optical fiber cord can be inserted and received along an axis of said optical fiber cord; and

a stopper including a plate-like portion having a positioning slit having a width slightly smaller than a diameter of said optical fiber cord;

wherein a mounting hole, through which said plate-like portion of said stopper can be inserted into said cord receiving hole portion in a direction perpendicular to a direction of insertion of said optical fiber cord, is formed in said housing, and said housing has stopper retaining portions for holding said plate-like portion of said stopper in a posture perpendicular to the direction of insertion of said optical fiber cord; and

wherein when said stopper is inserted into said cord receiving hole portion, each of blade portions, formed by a side edge of said positioning slit and a distal end edge of said plate-like portion disposed perpendicular to said side edge, penetrates into a covering portion of said optical fiber in a direction different from a direction toward an axis of said optical fiber cord, while forcing a portion of said covering portion away, thereby positioning said optical fiber cord in a fixed manner in the direction of the axis of said optical

Amended  
A1  
fiber cord.

2. The optical connector according to claim 1, in which said stopper comprises a pair of said plate-like portions interconnected by an interconnecting piece portion in parallel relation to each other, so that said stopper has a generally U-shape when viewed from the side thereof; and

when said stopper is inserted into said cord receiving hole portion, said pair of plate-like portions position said optical fiber cord in a fixed manner in the direction of the axis of said optical fiber cord.

3. The optical connector according to claim 1, in which each of the opposed side edges of said positioning slit is tapering toward the inside of said positioning slit.

4. The optical connector according to claim 1, in which the distal end edge of said plate-like portion is tapering in a direction of insertion of said plate-like portion.

5. The optical connector according to claim 1, in which reverse blades are formed on and project from each of the opposed side edges of said positioning slit toward the inside of said positioning slit, said reverse blades being directed in a direction generally opposite to the direction of insertion of said plate-like portion.